

$$H^*_d = Y00G_d$$

Data for maximum colour (Ma):

LabCh^{*}_{d, Ma}: 91 -15 84 86 100

HIC*_d M₂: Y00G 100 100_d

 $rgbic^*_{d, Ma}$

1.0 1.0 0.0

1.0 1.0 0.0 1.0 1.0

triangle lightness T^*

▲ %

%Gamut

$$u^*_{rel} = 114$$

%Regularity

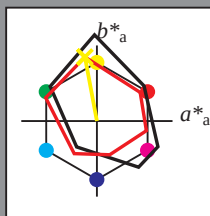
$$g^*_{H,rel} = 28$$
 $g^*_{C,rel} = 38$

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was significantly higher for the 10 trials condition than for the 5 trials condition. Error bars represent the standard error of the mean.



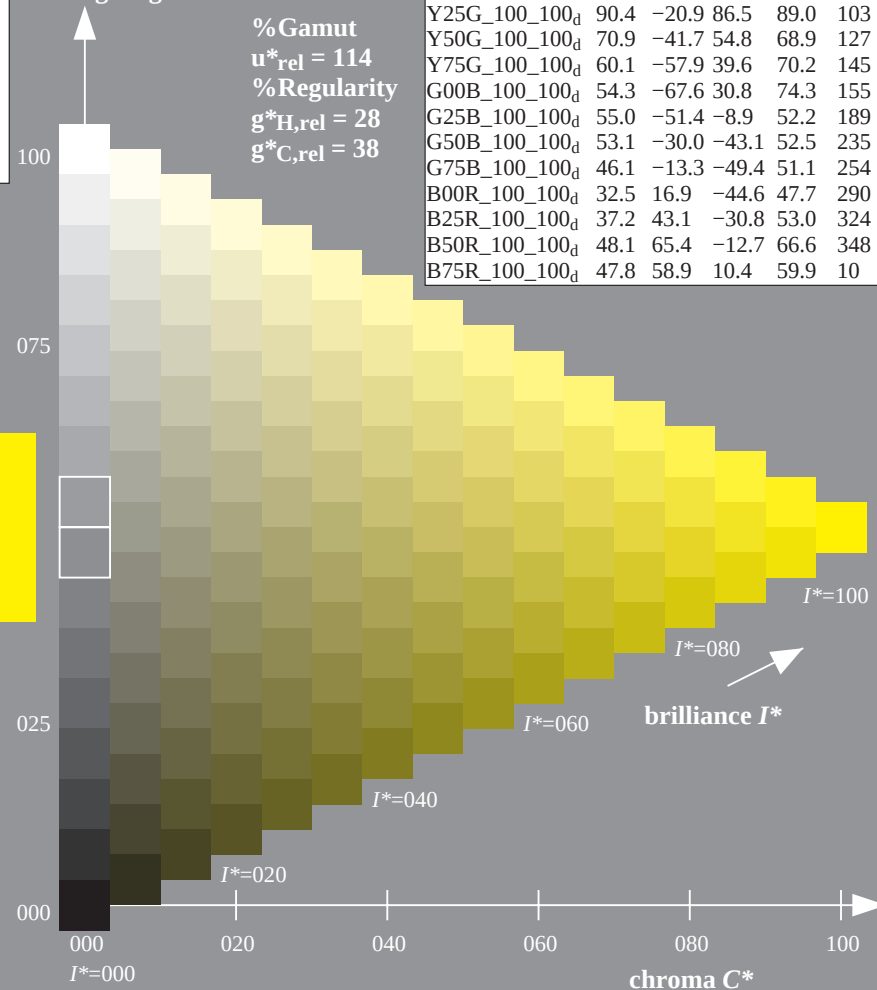
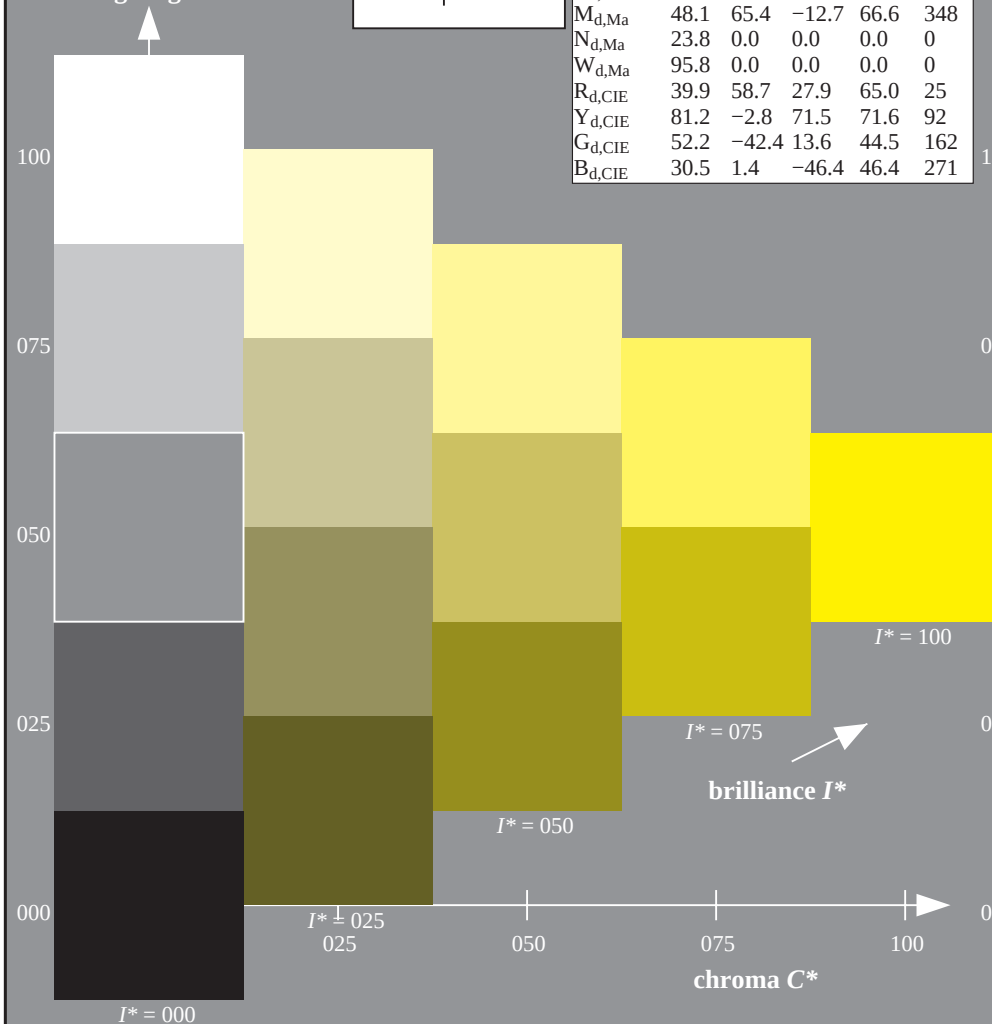
100

*=020



LRS18a; adapted (a) CIELAB data					
name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _d ,Ma	47.5	57.2	37.8	68.6	33
Y _d ,Ma	91.5	-15.8	84.6	86.1	100
G _d ,Ma	54.3	-67.6	30.8	74.3	155
C _d ,Ma	53.1	-30.0	-43.1	52.5	235
B _d ,Ma	32.5	16.9	-44.6	47.7	290
M _d ,Ma	48.1	65.4	-12.7	66.6	348
N _d ,Ma	23.8	0.0	0.0	0.0	0
W _d ,Ma	95.8	0.0	0.0	0.0	0
R _d ,CIE	39.9	58.7	27.9	65.0	25
Y _d ,CIE	81.2	-2.8	71.5	71.6	92
G _d ,CIE	52.2	-42.4	13.6	44.5	162
B _d ,CIE	30.5	1.4	-46.4	46.4	271

LRS18a; adapted (a) CIELAB data					
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _d	47.5	57.2	37.8	68.6	33
R25Y_100_100 _d	57.4	43.5	54.5	69.7	51
R50Y_100_100 _d	70.5	19.2	66.2	69.0	73
R75Y_100_100 _d	83.5	-2.9	76.8	76.9	92
Y00G_100_100 _d	91.5	-15.8	84.6	86.1	100
Y25G_100_100 _d	90.4	-20.9	86.5	89.0	103
Y50G_100_100 _d	70.9	-41.7	54.8	68.9	127
Y75G_100_100 _d	60.1	-57.9	39.6	70.2	145
G00B_100_100 _d	54.3	-67.6	30.8	74.3	155
G25B_100_100 _d	55.0	-51.4	-8.9	52.2	189
G50B_100_100 _d	53.1	-30.0	-43.1	52.5	235
G75B_100_100 _d	46.1	-13.3	-49.4	51.1	254
B00R_100_100 _d	32.5	16.9	-44.6	47.7	290
B25R_100_100 _d	37.2	43.1	-30.8	53.0	324
B50R_100_100 _d	48.1	65.4	-12.7	66.6	348
B75R_100_100 _d	47.8	58.9	10.4	59.9	10

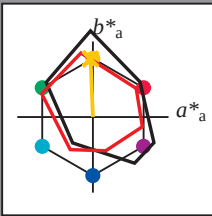


Input and Output: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 92/360 = 0.25$

$H^*_e = Y00G_e$

Data for any device (d) or elementary (e) colour:

HIC^*_e
hue text for the colours of this page:
 $H^*_e = Y00G_e$
triangle lightness T^*



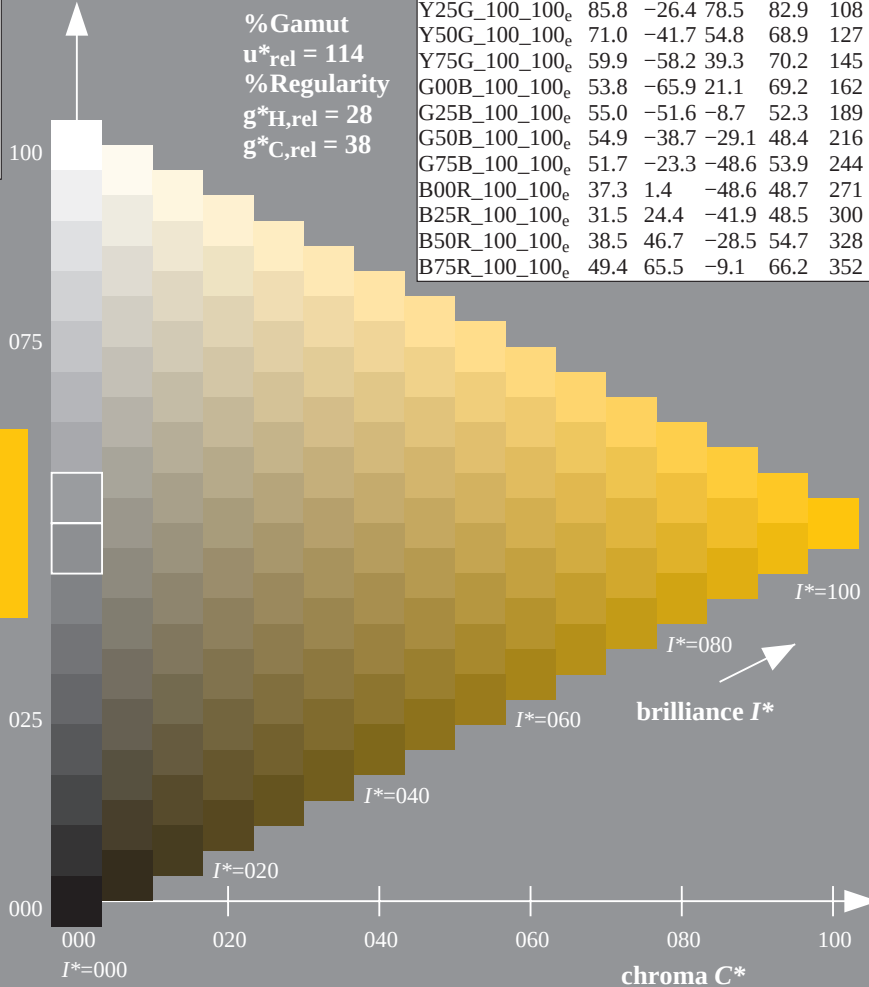
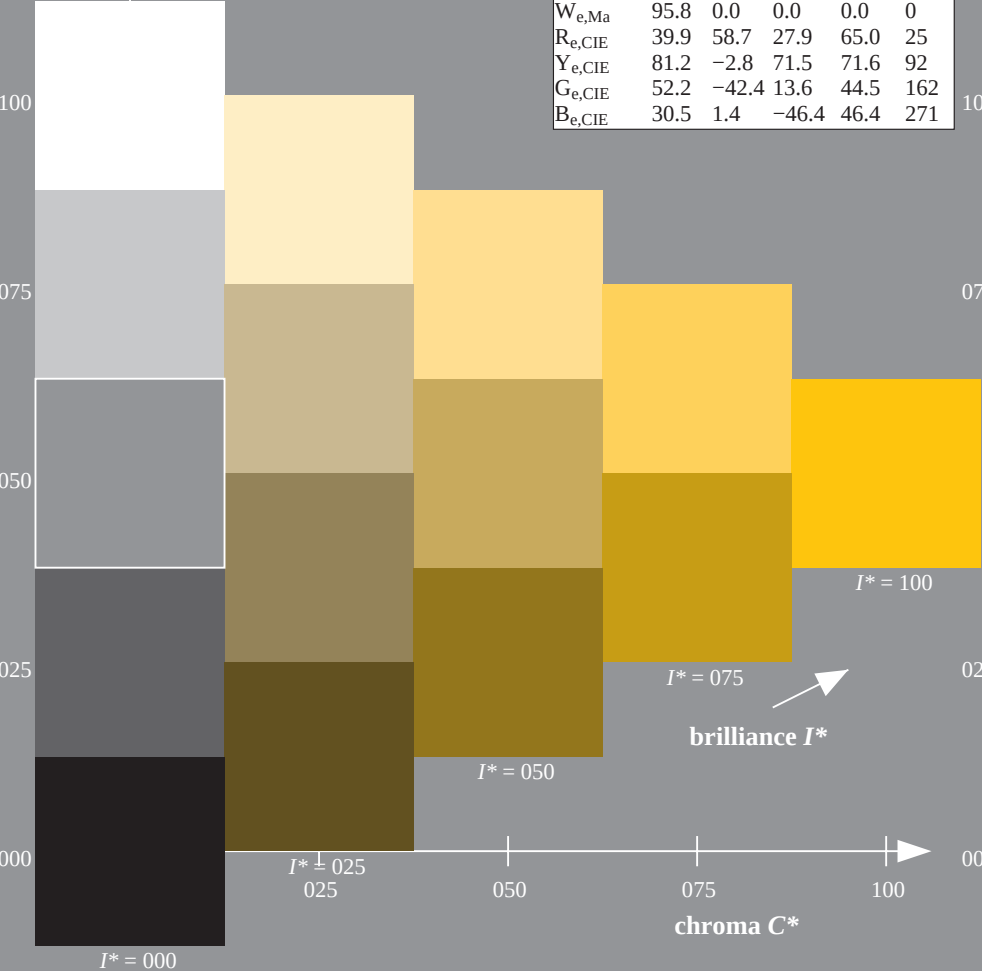
LRS18a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _e ,Ma	47.5	56.0	26.7	62.1	25
Y _e ,Ma	83.6	-3.1	76.8	76.9	92
G _e ,Ma	53.8	-65.9	21.1	69.2	162
C _e ,Ma	54.9	-38.7	-29.1	48.4	216
B _e ,Ma	37.3	1.4	-48.6	48.7	271
M _e ,Ma	38.5	46.7	-28.5	54.7	328
N _e ,Ma	23.8	0.0	0.0	0.0	0
W _e ,Ma	95.8	0.0	0.0	0.0	0
R _e ,CIE	39.9	58.7	27.9	65.0	25
Y _e ,CIE	81.2	-2.8	71.5	71.6	92
G _e ,CIE	52.2	-42.4	13.6	44.5	162
B _e ,CIE	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e,Ma}$: 83 -3 76 76 92
 $HIC^*_{e,Ma}$: Y00G_100_100_e
 $rgbic^*_{e,Ma}$: 1.0 0.76 0.0 1.0 1.0
triangle lightness T^*

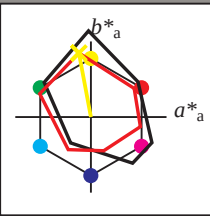
LRS18a; adapted (a) CIELAB data					
H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.5	56.0	26.7	62.1	25
R25Y_100_100_e	51.4	54.8	47.7	72.6	41
R50Y_100_100_e	61.8	35.2	58.4	68.2	58
R75Y_100_100_e	72.3	16.1	68.2	70.1	76
Y00G_100_100_e	83.6	-3.1	76.8	76.9	92
Y25G_100_100_e	85.8	-26.4	78.5	82.9	108
Y50G_100_100_e	71.0	-41.7	54.8	68.9	127
Y75G_100_100_e	59.9	-58.2	39.3	70.2	145
G00B_100_100_e	53.8	-65.9	21.1	69.2	162
G25B_100_100_e	55.0	-51.6	-8.7	52.3	189
G50B_100_100_e	54.9	-38.7	-29.1	48.4	216
G75B_100_100_e	51.7	-23.3	-48.6	53.9	244
B00R_100_100_e	37.3	1.4	-48.6	48.7	271
B25R_100_100_e	31.5	24.4	-41.9	48.5	300
B50R_100_100_e	38.5	46.7	-28.5	54.7	328
B75R_100_100_e	49.4	65.5	-9.1	66.2	352

%Gamut
 $u^*_{rel} = 114$
%Regularity
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$



Data for any device (d) or elementary (e) colour:

HIC^*_d
hue text for the colours of this page:
 $H^*_d = Y00G_d$
triangle lightness T^*



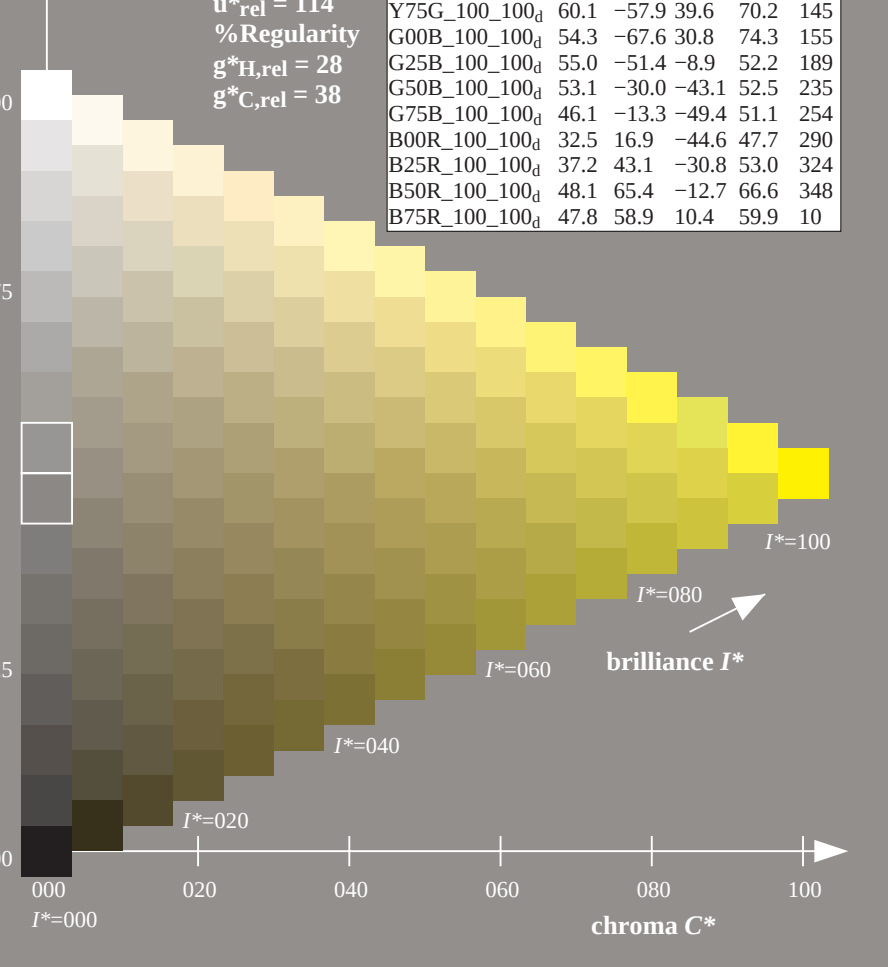
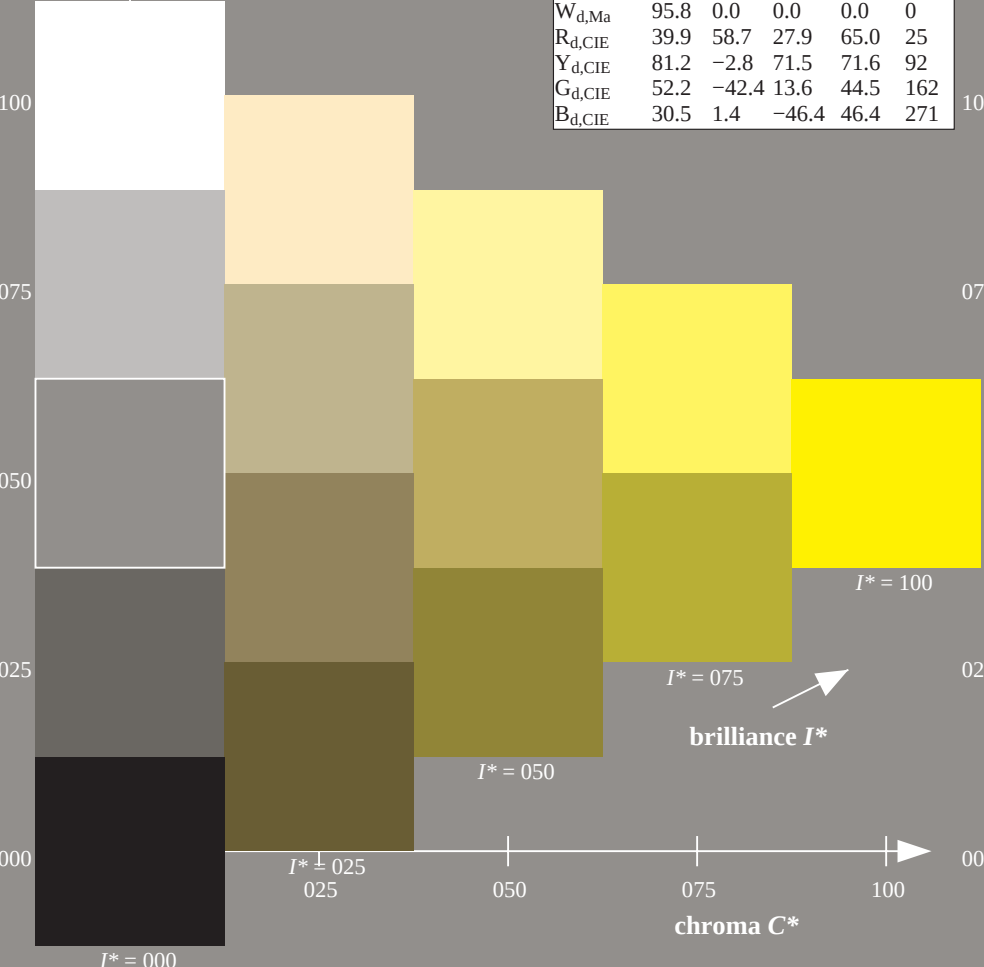
LRS18a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _d ,Ma	47.5	57.2	37.8	68.6	33
Y _d ,Ma	91.5	-15.8	84.6	86.1	100
G _d ,Ma	54.3	-67.6	30.8	74.3	155
C _d ,Ma	53.1	-30.0	-43.1	52.5	235
B _d ,Ma	32.5	16.9	-44.6	47.7	290
M _d ,Ma	48.1	65.4	-12.7	66.6	348
N _d ,Ma	23.8	0.0	0.0	0.0	0
W _d ,Ma	95.8	0.0	0.0	0.0	0
R _d ,CIE	39.9	58.7	27.9	65.0	25
Y _d ,CIE	81.2	-2.8	71.5	71.6	92
G _d ,CIE	52.2	-42.4	13.6	44.5	162
B _d ,CIE	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):
 $LabCh^*_d, Ma$: 91 -15 84 86 100

HIC^*_d, Ma : Y00G_100_100d
 $rgbic^*_d, Ma$:
1.0 1.0 0.0 1.0 1.0
triangle lightness T^*

%Gamut
 $u^*_{rel} = 114$
%Regularity
 $g^*_{H,rel} = 28$
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LRS18a; adapted (a) CIELAB data					
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R50Y_100_100 _d	70.5	19.2	66.2	69.0	73
R75Y_100_100 _d	83.5	-2.9	76.8	76.9	92
Y00G_100_100 _d	91.5	-15.8	84.6	86.1	100
Y25G_100_100 _d	90.4	-20.9	86.5	89.0	103
Y50G_100_100 _d	70.9	-41.7	54.8	68.9	127
Y75G_100_100 _d	60.1	-57.9	39.6	70.2	145
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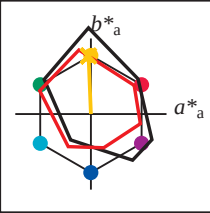


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 $HIC^*_{e, Ma}: Y00G_100_100_e$
 $rgbic^*_{e, Ma}: 1.0 \ 0.76 \ 0.0 \ 1.0 \ 1.0$
triangle lightness T^*

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